0.00

Quality Control

Memo

| Dart | Aeros | pace | Ltd |
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| W/O: | | | GES | .5 | | | | | | | |
|---------|------|--------------------------|------------------------|---|---------|-----------------------|-------------|---------------------------------|--------------------------|--|--|
| DATE | STEP | PRO | OCEDURE CH | IANGE | 1 | Ву | Date Qt | y Approval Chief Eng / Prod Mgr | Approval QC Inspector | | |
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| | | | | | | | | | | | |
| Part No | • | PAR #: | PAR #: Fault Category: | | | | | Date: _ | | | |
| | R | Resolution: Disposition: | | | QA: N | QA: N/C Closed: Date: | | | | | |
| NCR: | | 1 | WORK OR | DER NON-CONFORM | ANCE (| NCR) | | | | | |
| DATE | STEP | Description of NC | Initial | Corrective Action Se Action Description | ction B | Sign & | Verificatio | | Approval | | |
| | | Section A | Chief Eng | Chief Eng | | Date | Section C | Chief Eng | QC Inspector | | |
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May-31-12 9:10:46 AM

Item ID:

D350-607-541BK

Accept

N900040100

Setup Start

Revision ID:

Item Name: Heli-Utility-Basket

Required Date: 11/06/2012

30/05/2012

QC:

Start Qty: 1.00

Req'd Qty: 1.00

1 *1*

Cust Item ID:

Customer:

Reference:

Start Date:

Approvals:

Process Plan:

Date: Date: Tooling:

Date: Date:

Run

Stop

Sequence ID/ **Work Center ID** Operation Description Set Up/ **Run Hours**

SPC (Y/N):

0.00

Tool ID

Tool # Plan Code

Qty

Reject Accept Qty

Reject Insp. Number

Stamp

120

Packaging Packaging

130

Memo

0.00

Package as per PPPD350-607-541

140

QC21- Final Inspection - Work Order Release

0.00

140

Quality Control

QC

Memo

0.00

MLJ 12/06/08 12-06-08

| Dart | Aeros | pace | Ltd |
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| W/O: | | WORK ORDER CHANGES | | | | | | | , |
| DATE | STEP | PRO | OCEDURE CH | ANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
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| | | | | | | | | | |
| Part No | | PAR #: | | | | | | | |
| | Re | esolution: | Dispositi | on: | QA: N/C C | osed: | | Date: _ | |
| NCR: | | | WORK OR | DER NON-CONFORM | ANCE (NCF | ?) | | | |
| DATE | STEP | Description of NC Section A | Initial Chief Eng | Corrective Action Se Action Description Chief Eng | ction B Sign & Date | | | Approval Chief Eng | Approval QC Inspector |
| | | | Offier Eng | Chief Eng | Date | | | | |
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May-31-12 9:10:50 AM

Work Order ID: 84980

D350-607-541BK

Parent Item Name: Heli-Utility-Basket

84980

D350-607-541BK

Start Date: 30/05/2012

Required Date: 11/06/2012

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

Parent Item:

IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC

11.02.09 add to install label DD verf by:EC

IPP REV:C 12.03.06

IPP Rev:B

| · · - | | AS PER ECN12-53 | 5 DD VERF:EC | | | | | | | | | | | |
|----------------------|---------------------------------------|---------------------------|---------------|-------------|--------------------------|-------------------------|-------------------|--------------------------------|----------------|-------------|--------------|------------------|----------------|-------------|
| Compo Item N | onent Item ID/ Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
| D350-66 *D: Quick R | | 7-511* nting Installation | Manufactured | No | | | 110 | Each | 4.0000 | ** | 1 B8 | 3992 | 2 6 | c L |
| | | CHUZUU | | | FG032 PK12 | 84625 83992 81830 | <u>Lo</u> . | c Otv 1 1 2 2 1 | Loc Code | | | - - - - | 1 | |
| D2690-6 | 6 26:90-6* Assembly | · | Manufactured | No | | | 110 | Each | 20.0000 | ** | 14 | | | |
| D3912-0 | | | Manufactured | No | Location ST014 | 83360 | <u>Loc</u> 110 | 20 20 20 Each | 4.0000 | | 10 | 5 / | | |
| Eyebolt I | 3912_04 Receiver Assembly | L1 * | | | <u>Location</u> st507 | | <u>Loc</u> | <u>Qty</u> 4 | Loc Code | ** | A | | | |
| *D2 Long Bas | 41. 1030-04 sket Assembly (350) | 11* | Manufactured | No | | 82898 | 110 | 4 4 Each | 0.0000 | ** | 8498 | n (| |) /2/6/8 |

| Dart | Aeros | pace | Ltd |
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| W/O: | | | W | ORK ORDER CHAN | GES | | | JI | | |
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| DATE | STEP | PRO | DCEDURE CH | ANGE | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | | PAR #: | PAR #: Fault Category: NO | | | | lo DQA | | _ Date: _ | |
| | - | olution: Disposition: (| | | | /C Clo | sed: | | Date: | |
| NCR: | | | WORK ORE | DER NON-CONFORM | ANCE (| NCR) | | | | |
| DATE | STEP | Description of NC | Description of NC Corrective Action | | | Section B | | ation | Approval | Approval |
| DAIL | SIEF | Section A | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | Sectio | | Chief Eng | QC Inspector |
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May-31-12 9:10:50 AM

Work Order ID: 84980

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

84980 *D350-607-541BK*

83657

Location

ST092

Location

83916

ST103

Start Date: 30/05/2012

Start Oty: 1000

Required Date: 11/06/2012

Required Qty: 1.00

D4085-3

D4151-041

Basket Fwd Hardpoint Assembly, Lower

D4151-043

Basket Fwd Hardpoint Assembly, Upper

Attachment Arm Assembly

Manufactured

Manufactured

Manufactured

Manufactured

No

No

No

110

Each

Loc Oty 12 12 110 Each

3.0000

12.0000

Loc Code

Location Loc Oty Loc Code GA 83915 ST103 110 Each 1.0000

Location Loc Qty ST103 84605

110

3.0000

Loc Oty Loc Code 3

Each

Loc Code

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| Dart Aerospace | Ltd |
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| W/O: | | | WC | RK ORDER CH | IANGES | | | - | | |
| DATE | STEP | PRO | PROCEDURE CHANGE | | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | | PAR #: | | | NC | R: Yes I | No DQ | A: | Date: | |
| | Re | esolution: | Disposition | 1: | QA | : N/C Clo | sed: | | Date: _ | |
| NCR: | | | WORK ORDE | R NON-CONFO | DRMANCE | (NCR |) | | | |
| DATE | STEP | Description of NC | | Corrective Action | Section B | | Verific | Verification A | | Approval |
| DATE | SIEF | Section A | Initial Chief Eng | Action Descri | ption | Sign & Date | Secti | | Chief Eng | QC Inspector |
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May-31-12 9:10:50 AM

Work Order ID: 84980

D350-607-541BK

Parent Item Name: Heli-Utility-Basket

Parent Item:

84980 *D350-607-541BK*

Start Date: 30/05/2012

Start Qty: 1.00

Required Date: 11/06/2012

Required Qty: 1.00

AN4-13A

Purchased

No

ST358

110

Each

1,347.000

| | Location | Loc Qty | Loc Code |
|----|-----------------|---------|----------|
| | ST357 | 1347 | |
| | 119449 | 33 | |
| | 120187 | 19 | |
| | 120422 | 2 | |
| | 120770 | 293 | |
| | 121652 | 1000 | |
| No | | 110 | 1 |



Purchased

No

56.0000 110 Each

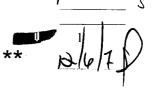


| *AN310C4* |
|-----------|
| Nut |

Purchased No Location 120124 121146 6 50 110 Each 44.0000



Loc Code



| Location | Loc Oty |
|----------|---------|
| ST344 | 44 |
| 120360 | 19 |
| 121166 | 3 |
| 121444 | 22 |



Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | | | | | | |
|-----------|---|--|-----------------|--------------------|--------------------|-------------|-------------------------------|--------------------------|--|--|--|--|
| DATE STEP | | PRO | OCEDURE CH | ANGE | Ву | Date Q1 | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | | |
| | TE STEP PROCEDURE CHANGE t No: PAR #: Fault Category: Resolution: Disposition: t: WORK ORDER NON-CONFO | | | | | | | | | | | |
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| Part No: | | PAR #: | Fault Cat | egory: | NCR: Yes | No DQA: _ | Date: _ | | | | | |
| | R | esolution: | n: Disposition: | | | | Date: _ | | | | | |
| NCR: | | 1 | WORK ORE | DER NON-CONFORM | ANCE (NCR | 3) | #· | | | | | |
| DATE | STEP | Description of NC Section A | | Action Description | tion B Sign & Date | Verificatio | n Approval Chief Eng | Approval QC Inspector | | | | |
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May-31-12 9:10:51 AM

Page 4

Work Order ID: 84980

Parent Item:

D350-607-541BK

Parent Item Name: Heli-Utility-Basket

84980 *D350-607-541BK*

Start Date: 30/05/2012

Required Date: 11/06/2012

Required Qty: 1.00

Purchased

No

110

Each 27.0000

Start Qty: 1.00

Location Loc Qty Loc Code ST315 3 114340 118612 2 ST333 24 121350 20

121827 4 110 Each 4,047.000



Purchased No

> Location Loc Oty ST300 4047 119075 125 121011 665 121444 2957 121652 300 110 Each

211.0000

Loc Code

Purchased No

> **Location** Loc Qty ST309 211 17566 211

Loc Code

May-31-12 9:10:51 AM

Shop Packet Print

Page 4

Dart Aerospace Ltd

| W/O: | | | W | ORK ORDER CHANG | GES | | | | |
|----------|------|--------------------------------|----------------------|--|------------------|-------|-----|-------------------------------|--------------------------|
| DATE | STEP | PRO | PROCEDURE CHANGE By | | | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC inspector |
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| Part No: | | PAR #: | Fault Ca | tegory: | NCR: Yes No DQA: | | | Date: | |
| | R | esolution: | Disposit | ion: | QA: N/C C | osed: | | Date: _ | |
| NCR: | | \ | WORK OR | DER NON-CONFORM | ANCE (NCF | ₹) | | | - |
| DATE | STEP | Description of NC Section A | Initial Chief Eng | Corrective Action Sec Action Description Chief Eng | Sign & | | | Approval Chief Eng | Approval QC Inspector |
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May-31-12 9:10:51 AM

Work Order ID: 84980

D350-607-541BK

Parent Item Name: Heli-Utility-Basket

Parent Item:

Purchased

84980

No

No

No

D350-607-541BK

Start Date: 30/05/2012

Required Date: 11/06/2012

Required Qty: 1.90

Start Qty: 1.00 421.0000

**

NAS1515H4L WASHER

Purchased



Location Loc Qty Loc Code FG 103691 8 ST277 413 11<u>8709</u> 120390 16 397 110 Each

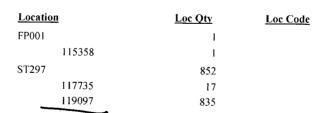
110

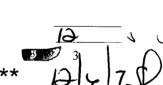
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Location Loc Qty ST275 810 121350 810 110 Each

Loc Code 853.0000

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| Dart | Aeros | pace | Ltd |
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| W/O: | | | WO | RK ORDER CHANGES | 3 | | | | |
| DATE | STEP | PRO | Ву | Date | Qty Approval Chief Eng / Prod Mgr | Chief Eng / | Approval QC Inspector | | |
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| Part No: | | PAR #: | | NCR: Yes No I | | | DQA: Date: | | |
| | R | esolution: | n: Disposition: | | | QA: N/C Closed: | | | |
| NCR: | | | WORK ORDE | R NON-CONFORMAN | CE (NCF | k) | | | ·: |
| DATE | STEP | Description of NC | | | Section B | | ation | Approval | Approval |
| DAIL | JILF | Section A | Initial Chief Eng | Action Description Chief Eng | Sign 8 Date | Section | n C | Chief Eng | QC Inspector |
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4.0 WEIGHT AND BALANCE

| Installation | Weight | LA | TERAL | LONGITUDINAL | | |
|--|------------------|-----------------------|---------------------------|------------------|------------------------|--|
| | | Arm | Moment | Arm | Moment | |
| D350-607-541 | 80.7 lb | ± 49.1 in | ± 3962 in-lb | 135 in | 10895 in-lb | |
| (Standard Basket) | 36.6 kg | ± 1.25 m | ± 45.8 m-kg | 3.43 m | 125.5 m-kg | |
| D350-607-543 | 65.7 lb | ± 49.1 in | ± 3226 in-lb | 135 in | 8870 in-lb | |
| (Lightweight Basket) | 29.8 kg | ± 1.25 m | ± 37.3 m-kg | 3.43 m | 102.2 m-kg | |
| D350-607-545 | 58.7 lb | ± 49.1 in | ± 2882 in-lb | 135 in | 7925 in-lb | |
| (Standard Basket) | 26.2 kg | ± 1.25m | ± 32.8 m-kg | 3.43 m | 89.9 m-kg | |
| D350-607-547 | 47.7 lb | ± 49.1 in | ± 2342 in-lb | 135 in | 6440 in-lb | |
| (Lightweight Basket) | 21.6 kg | ± 1.25 m | ± 27.0 m-kg | 3.43 m | 74.1 m-kg | |
| D350-607-511 (Quick Release Basket Mounting Kit) | 7.2 lb 3.3 kg | ± 36.9 in ± 0.94 m | ± 266 in-lb ± 3.1 m-kg | 135 in 3.43 m | 972 in-lb 11.3 m-kg | |

5.0 PARTS LIST

| QTY. -541 | QTY -543 | QTY -545 | QTY -547 | QTY -511 | QTY -501 | PART NUMBER | DESCRIPTION |
|--------------|-------------|-------------|-------------|----------------|-------------|---------------|------------------------------------|
| Х | | | | | | D350-607-541 | HELI-UTILITY-BASKET |
| | Х | | | | | D350-607-543 | HELI-UTILITY-BASKET |
| | | X | | | | D350-607-545 | HELI-UTILITY-BASKET |
| | | | X | | | D350-607-547 | HELI-UTILITY-BASKET |
| /1 | 1 | 1 | 1_1_ | X | | D350-607-511 | QUICK RELEASE BASKET MOUNTING KIT |
| VII627020 | | | | | X | D350-607-501 | CONVERSION KIT |
| á | 1 | 1 | 4 | 200.2 | 4 = | *D2000-0 | LANYARD |
| (· | | J | 1 | 4 | 4 | D2690-6 | X-TUBE LUG |
| 1 | 1 | 1 | 1 | 4 | | D3910-3 | EYEBOLT RECEIVER ASSY |
| | | <u>'</u> | | | 1 | D3912-041 | |
| | | | orange | 8 | 8 | D3984-030 | RUBBER EXTRUSION, X-TUBE |
| (_1 | | | | | | *D4030=041 | -LONG BASKET ASSY |
| | 1 | | | | | D4030-043 | LONG BASKET ASSY, LIGHTWEIGHT |
| | | 11 | | | | D4032-041 | SHORT BASKET ASSY |
| | | | | | | D4032-043 | SHORT BASKET ASSY, LIGHTWEIGHT |
| <u> </u> | 1 | 1 | 1 | | 1 | _D4085-3 | PLACARD-INSTRUCTIONS |
| 1 | | | | | 1 | D4086-200 | PLACARD, MAX LOAD |
| L | 1 | | | | 1 | D4086-215 | PLACARD, MAX LOAD |
| | | 1 | | | 1 | D4086-220 | PLACARD, MAX LOAD |
| | | | 1 | | 1 | D4086-232 | PLACARD, MAX LOAD |
| | | | | 1 | 1 | D4148-041 | FWD X-TUBE LUG ASSY |
| | · | | | 1 | 1 | D4149-041 | AFT X-TUBE LUG ASSY |
| <u></u> | 1 | 1 " | |] , | | D4150-041 | ATTACHMENT ARM ASSY |
| 41 | 1_ | 1 | 1_ | | 1 | -D4151-041 | _BASKET FWD HARDPOINT ASSY (LOWER) |
| / 1 | 1 | 1 | 1 | | 1 | _D4151-043 | -BASKET FWD HARDPOINT ASSY (UPPER) |
| 76 | 6 | 6 | 6 | | 6 | -AN4-13A | BOLT |
| | | | | 16 | 16 | AN4-14A | BOLT |
| 7-1-1 | | 1 | 1 _ | | 1_ | AN4C15 | BOLT |
| 7 1 | _ 1 | 1 | 1 | | 1 | AN310C4 / | CASTELLATED NUT |
| 1 | 1 | 1 | 1 | - | 1 | MS17984-C413 | QUICK RELEASE PIN |
| 6 | 6 | 6 | 6 | 16 | 22 | MS21042L4 | NUT (OR MS21042-4) |
| 11 | 1 | 1 | 1 | | 1 | MS24665-151 / | COTTER PIN |
| 2_2_ | 2 | 2 | . 2 | | 2 | NAS1515H4L | WASHER |
| 12 | -12 | 12 | 12 | 32 | 44 | NAS1149F0432P | WASHER |
| 7 3 | 3 | 3 | 3 | | 3 | NAS1149C0463R | WASHER |

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Revision: A

Date: 10.06.28